

N THE CLAIMS:

~~Please cancel claims 9-19, amend Claims 1, 3, 4 and 8, and add new Claim 20 to read as follows. A marked-up copy of Claims 1, 3, 4 and 8, showing the changes made thereto, is attached.~~

Sub C1 > 1. (Twice Amended) A process for producing a purine nucleotide which comprises:
culturing in a medium a microorganism having the ability to produce a precursor of the purine nucleotide and transformed with DNA which can express an enzyme capable of synthesizing the purine nucleotide from said precursor upon induction;
allowing said precursor of the purine nucleotide to accumulate in the culture;
inducing the expression of the enzyme capable of synthesizing the purine nucleotide from said precursor;
allowing the purine nucleotide formed from said precursor by said expressed enzyme to accumulate in said culture; and
recovering said purine nucleotide therefrom

Sub C2 > 3. (Amended) The process according to claim 1, wherein the precursor of the purine nucleotide is guanosine, the enzyme capable of synthesizing the purine nucleotide from said precursor is inosine-guanosine kinase or acid phosphatase, and the purine nucleotide is 5'-guanylic acid.

B9 > 4. (Amended) The process according to Claim 1, wherein the precursor of the purine nucleotide is inosine, the enzyme capable of synthesizing the purine nucleotide